

Message Text

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ORIGIN AEC-07

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TO USMISSION EC BRUSSELS

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E.O. 11652: N/A

TAGS: BE (RUBIN, J.H., SENIOR SCIENTIFIC REP.)

SUBJECT: TOLL ENRICHING CONTRACTS FOR LINGEN, BASF 1, AND RWE
81 A

REF: EC BRUSSELS B 0858, 0892

PLEASE REFER TO YOUR ABOVE TELETYPES

1.REF: UES/EU/9

WE UNDERSTAND CUSTOMER DOES NOT WISH TO SUBMIT DUAL APPREN-
DIXES FOR PU RECYCLE, BUT PLANS TO RECYCLE ONLY EXPERIMENTAL
QUANTITIES AT THIS TIME. IN PREPARATION OF REVISED APPENDIXES,
WE SUGGEST YOU DISCUSS LOWER PLANT FACTORS WITH CUSTOMER AND
COMMENSURATE REDUCTION OF U-235 CEILING. 75 PERCENT CAPACITY
FACTOR I SUGGESTED BASED ON EVALUATIONS OF OPERATING PERFORMANCE
OF 140 UNIT-YEARS OF US NUCLEAR AND 490 UNIT-YEARS OF LARGE
FOSSIL POWER PLANTS. SINCE WE GENERALLY SUPPLY ONLY ACTUAL
REACTOR NEEDS, RETAINING AN UNREALISTICALLY HIGH CEILING
EXPOSES CUSTOMER TO POSSIBILITY OF LARGE TERMINATION CHARGES.
WE WOULD APPRECIATE ANY DATA CUSTOMER MAY HAVE CONCERNING POWER
INDUSTRY PERFORMANCE EXPERIENCE.

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IT IS RECOGNIZED IN ARTICLE II-2 (IV) OF THE CONTRACT THAT
ACTUAL USES MAY DIFFER FROM THE SCHEDULE SET FORTH IN APPENDIX
"A". IN ADDITION TO THE ALTERNATIVES OF ARTICLE II-2, THE
USAEC HAS STATED THAT-

"(THE AEC WILL) PERMIT THE USE AS FUEL IN THE SPECIFIED
REACTOR OF ANY AVAILABLE PLUTONIUM OR U-233 WHICH HAD BEEN
PRODUCED IN REACTORS FUELED WITH ENRICHED URANIUM FROM AEC
ENRICHING PLANTS...IF A CUSTOMER SHOULD NEED MORE ENRICHED URANIUM
THAN HE HAD PROVIDED FOR IN HIS CONTRACT AND IF AEC IS UNABLE
TO FURNISH ADDITIONAL ENRICHING SERVICES, HE WILL BE ABLE TO
OBTAIN A LARGER AMOUNT BY SUPPLYING ADDITIONAL URANIUM FEED
MATERIAL."

2. REF: UES/EU/109

WE WILL AWAIT CUSTOMER'S ACTION ON CONTRACT AMENDMENTS FOR
BASF 1.

3. REF: UES/EU/114

PROPOSED APPENDIX "A" SEPARATIVE WORK REQUIREMENTS SEEM
REASONABLE FOR 13,000 MEGAWATTS MWE GROSS REACTOR. HOWEVER,
APPENDIX "A" MUST BE SUPPLEMENTED BY APPENDIX "B". WE MUST
HAVE BOTH APPENDIXES BEFORE FINAL APPROVAL. INGERSOLL

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